

# **ORCA** Industrial GPS Asset Tracker

## LoRaWAN® connected GPS Tracker for Industrial Asset Management

**TEKTELIC ORCA** is an ideal solution for geolocalizing your assets in the field. This device provides GPS enabled near real-time satellite location tracking with LoRaWAN®.

- Shipping containers
- Fleet Vehicles
- Pallets
- Industrial Equipment
- Railcars
- Preventative Maintenance
- Industrial Transport Security & Theft Mitigation
- **Technical and Functional System Specifications**

#### **General System Parameters**

Operational Temperature	-40°C to +85°C
Protection Rating	IP67
Size	195 x 101 x 50 mm
Battery	2 D-Cell Batteries

#### LoRa Parameters

RF Power	22 dBm
RF Sensitivity	-137dBm (SF12, 125kHz)
ISM Band	All Global ISM Bands
Antenna	Internal
LoRa Device Class	Class A and C

#### **Regulatory Compliance**

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Safety	IEC 60950-1 (CE)	
Regulatory	ETSI EN 300 220	
	ETSI EN 301-489-1/-3	
	FCC 15.247	FCC 15.209
	RSS-247	RSS-GEN



### **Key Features**

- >> 5 Year Battery Life
- Precise GPS
- Data Transmission via LoRaWAN™
- >>> BLE (Optional)
- >> All Global ISM bands
- Rugged IP67 Design
- >> Accelerometer
- Internal Antenna
- Battery Status Indicator



TEKTELIC Communications is a premier supplier of best-in-class LoRaWAN® IoT Gateways, Sensors, and Custom Applications. These elements combined provide a powerful end-to-end solution that can be easily, quickly, and cost effectively deployed to address the most demanding IoT challenges.

For more information please visit www.tektelic.com